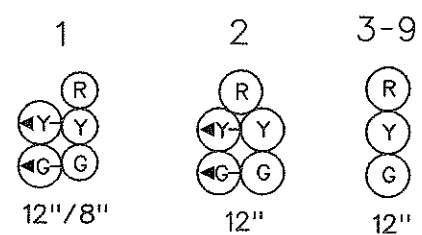
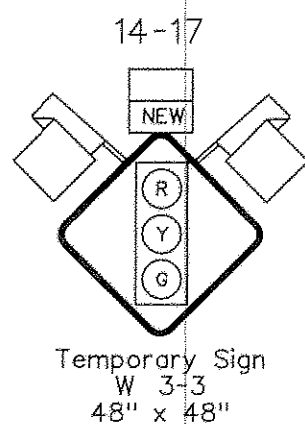
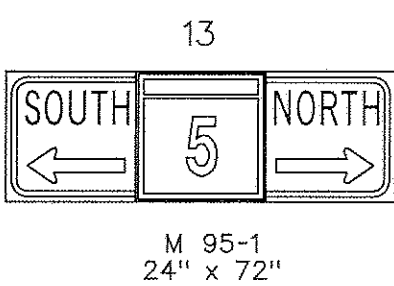
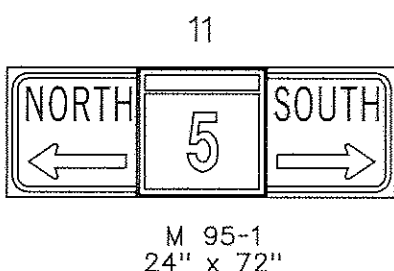


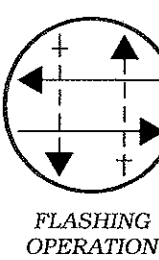
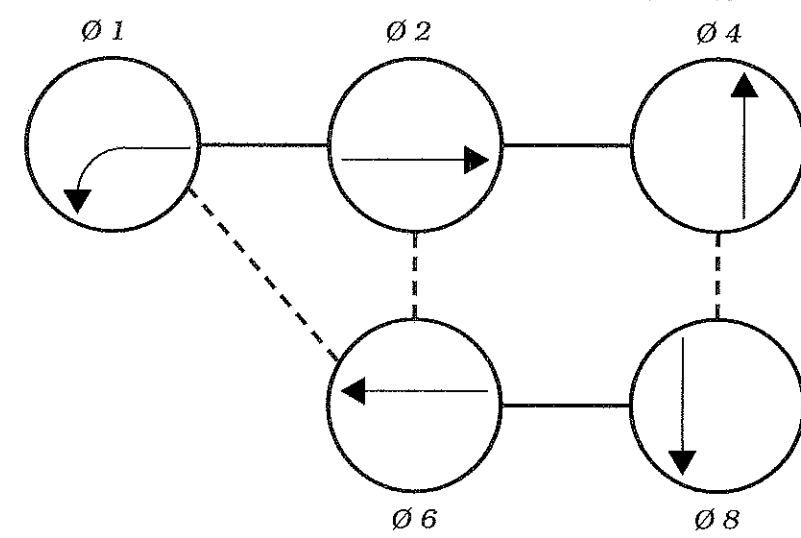
## SIGNALS



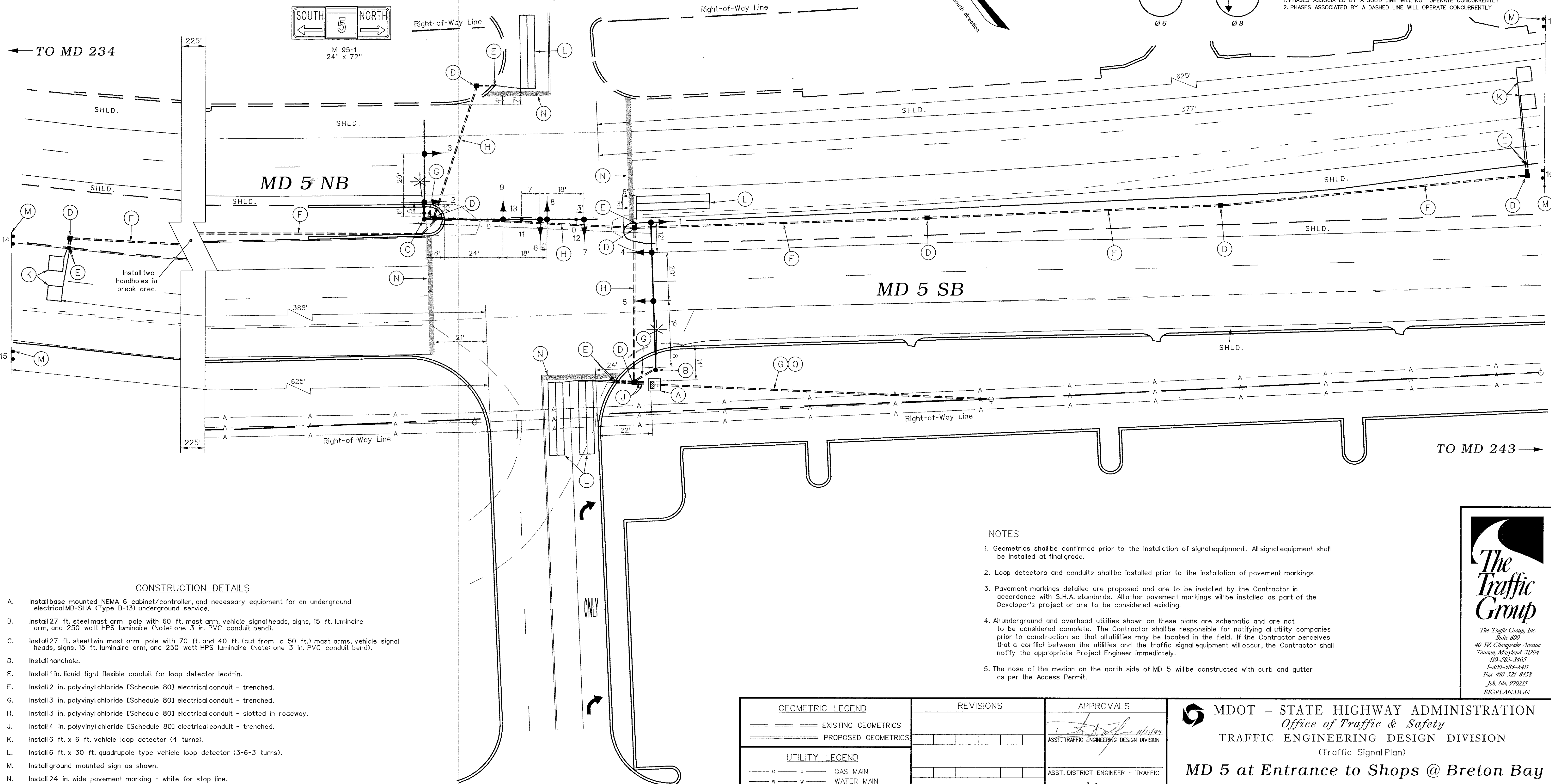
## SIGNS

(commercial)  
D/W

## NEMA PHASING



- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
  2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY



## CONSTRUCTION DETAILS

- Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA (Type B-13) underground service.
- Install 27 ft. steel mast arm pole with 60 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- Install 27 ft. steel twin mast arm pole with 70 ft. and 40 ft. (cut from a 50 ft.) mast arms, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- Install handhole.
- Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
- Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- Install ground mounted sign as shown.
- Install 24 in. wide pavement marking - white for stop line.
- Proposed underground electrical service by SMECO.

## NOTES

- Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment shall be installed at final grade.
- Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the Developer's project or are to be considered existing.
- All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
- The nose of the median on the north side of MD 5 will be constructed with curb and gutter as per the Access Permit.

## GEOMETRIC LEGEND

— — — — — EXISTING GEOMETRICS  
— — — — — PROPOSED GEOMETRICS

## UTILITY LEGEND

— G — G — GAS MAIN  
— W — W — WATER MAIN  
— S — S — SEWER MAIN  
— E — E — ELECTRIC CABLES  
— D — D — STORM DRAIN  
— A — A — AERIAL CABLES  
— T — T — TELEPHONE CABLES

## REVISIONS

## APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC &amp; SAFETY



MDOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
(Traffic Signal Plan)

## MD 5 at Entrance to Shops @ Breton Bay

DATE: November 4, 1999

LOG MILE \*

DRAWN BY: J.E.S.

F.A.P. NO.

N/A

CHK. BY: J.E.S.

S.H.A. NO.

BW996M82

SCALE: 1" = 20'

COUNTY:

St. Mary's

PLAN SHEET NO.:

3943

SHEET NO.

1 of 2



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Job No. 970215  
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